

IN THE CLAIMS:

The following is a complete listing of the claims in this application, reflects all changes currently being made to the claims, and replaces all earlier versions and all earlier listings of the claims:

Claim 1 (Currently Amended): A communication system comprising:

a controller;

a destination node; and

a source node adapted to transfer object data to the destination node

asynchronously using a communication protocol selected by the controller and a logical connection set by the controller,

wherein said source node is adapted to transfer object data to said destination node asynchronously using the first or the second communication protocol selected by said controller, and

wherein ~~the~~ said controller is adapted to obtain information about a communication capability of ~~the~~ said source node from a first register of ~~the~~ said source node, to obtain information about a communication capability of ~~the~~ said destination node from a first register of ~~the~~ said destination node, to select a first or a second communication protocol using the information obtained from the ~~source node and the destination node;~~ first registers to set a logical connection between ~~the~~ said source node and ~~the~~ said destination node, to store information ~~about~~ indicating the selected communication protocol ~~selected by the controller~~ and information ~~about~~ for the logical connection set by ~~the controller~~ selected communication protocol in a second register of ~~the~~ said source node,

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and to store information ~~about~~ indicating the selected communication protocol selected by the controller and information ~~about~~ for the logical connection set by the controller selected communication protocol in a second register of ~~the~~ said destination node.

Claims 2 and 3 (Cancelled)

B2

Claim 4 (Currently Amended): A communication system according to Claim 1, wherein the ~~controller~~ first communication protocol is ~~adapted to select a~~ communication protocol using that uses a broadcast transaction or another communication protocol.

Claims 5 and 6 (Cancelled)

B3

Claim 7 (Currently Amended): A communication system according to Claim 1, wherein the ~~controller~~ second communication protocol is ~~adapted to select a~~ communication protocol using that does not use a write transaction or another broadcast communication protocol.

Claims 8-16 (Cancelled)

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Claim 17 (Currently Amended): A communication system according to Claim 1, wherein ~~a communication line of the communication system is~~ said controller, said source node and said destination node can communicate with each other using a

communication unit connectable to a serial bus.

Claim 18 (Currently Amended): A communication system according to

Claim 1, wherein ~~the communication system conforms to a~~ said controller, said source node and said destination node can communicate with each other using a communication unit conforming to an IEEE 1394-1995 standard.

Claim 19 (Previously Amended): A communication system according to

Claim 1, wherein the object data includes image data.

Claim 20 (Currently Amended): A communication method ~~to be used in for~~

a communication system that includes ~~at least~~ a controller, a destination node, and a source node ~~adapted to transfer object data to the destination node asynchronously using a communication protocol selected by the controller and a logical connection set by the controller,~~ the method comprising the steps of:

obtaining information about a communication capability of the source node from a first register of the source node;

obtaining information about a communication capability of the destination node from a first register of the destination node;

selecting of a first or a second communication protocol using the information obtained from the ~~source node and the destination node~~ first registers;

setting a logical connection between the source node and the destination node;

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storing information ~~about~~ indicating the selected communication protocol
and information ~~about~~ for the ~~logical connection set by the controller~~ selected
communication protocol in a second register of the source node; and

storing information ~~about~~ indicating the selected communication protocol
~~selected by the controller~~ and information ~~about~~ for the ~~logical connection set by the~~
~~controller~~ selected communication protocol in a second register of the destination node,
and

transferring, of object data from the source node to the destination node
asynchronously using the selected communication protocol.

Claims 21-26 (Cancelled)

Claim 27 (Currently Amended): A communication method according to

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Claim 20, wherein the ~~controller~~ first communication protocol is ~~adapted to select~~ a
communication protocol using that uses a broadcast ~~transaction or another~~ communication
protocol.

Claim 28 (Currently Amended): A communication method according to
Claim 20, wherein the ~~controller~~ second communication protocol is ~~adapted to select~~ a
communication protocol using that does not use a ~~write transaction or another~~ broadcast
communication protocol.

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Claim 29 (Currently Amended): A communication method according to

Claim 20, wherein ~~a communication line of the communication system is~~ the controller, the source node and the destination node can communication with each other using a communication unit connectable to a serial bus.

Claim 30 (Currently Amended): A communication method according to

Claim 20, wherein ~~the communication system conforms to a~~ controller, the source node and the destination node can communicate with each other using a communication unit conforming to an IEEE 1394-1995 standard.

Claim 31 (Previously Added): A communication method according to

Claim 20, wherein the object data includes image data.